PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Shigemasa HIROOKA et al.

Application No.: New US Application

Filed: July 14, 2003 Docket No.: 115729

For: EXHAUST GAS PURIFICATION DEVICE OF INTERNAL COMBUSTION ENGINE AND METHOD THEREFORE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. English-language Abstracts of the non-English language references are attached hereto.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Mario A. Costantino Registration No. 33,565

JAO:MAC/tmw

Date: July 14, 2003

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

| Sheet | 1 | | of | 1 | |
|-------|---|--|----|---|--|
| | | | | | |

| Form PTO-1449 (REV. 8-83) | - | | ATTY D 115729 | OCKET NO. | APPLICATION NO. New US Application | | | | | | |
|---|---------------|---------------------------------------|------------------|--|------------------------------------|--------------|---|--|--|--|--|
| INFORMATION DISCLOSURE STATEMENT | | | | | Ì | | 4 | | | | |
| (Use several sheets if necessary) | | | | APPLICANTS Shigemasa HIROOKA et al. | | | | | | | |
| | | | | DATE 2003 | | | | | | | |
| | | U.S. PA | TENT DOC | JMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | | DATE NAME | | CLASS | SUB CLASS | | | | |
| * | | | | | | | | | | | |
| | | | | | | | • *** | | | | |
| | | | · | | | | | | | | |
| | - | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | _ | FOREIGN | PATENT D | OCUMENTS | | 1 - 1 | | | | | |
| | | DOCUMENT NUMBER | DATE | TE COUNTRY | | CLASS | SUB CLASS | | | | |
| | 1 | JP A 59-200855 (with abstract) 1 | 1/14/1984 | Japan | | | | | | | |
| | 2 | JP A 4-362213 (with abstract) 1 | 2/15/1992 | Japan | | | 3 | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | <u> </u> | | | A 1964 - A 1974 | | | | |
| | <u> </u> | | | | | | | | | | |
| | | OTHER DOCUMENTS (Include | ding Author. | Title, Date, Pertinent Pages | . etc.) | <u></u> | | | | | |
| | | | <u> </u> | | , , | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | *************************************** | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| EXAMINER | | | | | DATE CONSID | ERED | | | | | |
| | | | | | | | | | | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | | | | |

Date: <u>July 14, 2003</u>